

REFLECTIVE ARTICLE AND METHOD FOR THE PREPARATION THEREOF

ABSTRACT OF THE DISCLOSURE

[0073] A reflective article useful, for example, in automotive headlights includes a substrate, a reflective metal layer, and a haze-prevention layer between the substrate and the reflective metal layer. The substrate includes an amorphous thermoplastic resin having a heat distortion temperature of at least about 140°C, a density less than 1.7 grams per milliliter, and an organic volatiles content less than 1,000 parts per million measured according to ASTM D4526. The haze-prevention layer includes a material having a volume resistivity of at least  $1 \times 10^{-4}$  ohm-centimeters and a tensile modulus of at least about  $3 \times 10^5$  pounds per square inch. The article resists hazing of the reflective layer at elevated temperatures.